

Report Created:
5/10/2017 3:26:50 PM

Streamflow Forecast Summary: May 1, 2017
(averages based on 1981-2010 reference period)

Forecast Exceedance Probabilities for Risk Assessment
Chance that actual volume will exceed forecast

UPPER YUKON BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Yukon R at Eagle	MAY-JUL	27400	29800	31400	98%	33000	35300	32000

- 1) 90% and 10% exceedance probabilities are actually 95% and 5%
- 2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions
- 3) Median value used in place of average

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CENTRAL YUKON BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Porcupine R nr Intl Boundary	MAY-JUL	3880	4860	5660	101%	6600	8270	5600
Yukon R nr Stevens Village	MAY-JUL	40500	44300	46800	100%	49300	53100	46800

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- 3) Median value used in place of average

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TANANA BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Chena R nr Two Rivers	MAY-JUL	210	260	300	118%	335	385	255
Little Chena R nr Fairbanks	MAY-JUL	59	73	82	114%	92	106	72
Salcha R nr Salchaket	MAY-JUL	430	525	600	101%	675	795	595
Tanana R at Fairbanks	MAY-JUL	5210	5800	6190	88%	6590	7170	7000
Tanana R at Nenana	MAY-JUL	6110	6830	7320	86%	7800	8520	8470

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WESTERN INTERIOR BASINS	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Kuskokwim R at Crooked Creek	MAY-JUN	2460	5340	7290	78%	9250	12100	9400

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ARCTIC AND KOTZEBUE SOUND	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Kuparuk R nr Deadhorse	MAY-JUL	525	650	750	94%	865	1060	795
Sagavanirktok R nr Pump Station 3	MAY-JUL	470	595	695	102%	815	1030	683

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3) Median value used in place of average

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COPPER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Gulkana R at Sourdough	MAY-JUL	124	193	240	58%	290	355	415

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3) Median value used in place of average

Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast

MATANUSKA - SUSITNA BASINS	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Little Susitna R nr Palmer	MAY-JUL	32	43	50	63%	58	69	80
Talkeetna R nr Talkeetna	MAY-JUL	1030	1180	1290	84%	1390	1540	1530

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NORTHERN COOK INLET	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Ship Ck nr Anchorage	MAY-JUL	22	30	35	63%	40	47	56

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KENAI PENINSULA	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Kenai R at Cooper Landing	MAY-JUL	605	675	725	79%	775	845	920

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2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions

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SOUTHEAST	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Gold Ck nr Juneau								

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 3) Median value used in place of average